

Application No. U.S. 60/176,930 filed on 2000 Jan. 20,
 Application No. U.S. 60/128,694 filed on 1999 Apr. 09,
 Application No. U.S. 60/176,931 filed on 2000 Jan. 20,
 Application No. U.S. 60/128,702 filed on 1999 Apr. 09,
 Application No. U.S. 60/177,049 filed on 2000 Jan. 20,
 Application No. U.S. 60/138,629 filed on 1999 Jun. 11,
 Application No. U.S. 60/138,628 filed on 1999 Jun. 11,
 Application No. U.S. 60/138,631 filed on 1999 Jun. 11,
 Application No. U.S. 60/138,632 filed on 1999 Jun. 11,
 Application No. U.S. 60/138,599 filed on 1999 Jun. 11,
 Application No. U.S. 60/138,572 filed on 1999 Jun. 11,
 Application No. U.S. 60/138,625 filed on 1999 Jun. 11,
 Application No. U.S. 60/138,633 filed on 1999 Jun. 11,
 Application No. U.S. 60/138,630 filed on 1999 Jun. 11,
 Application No. U.S. 60/138,627 filed on 1999 Jun. 11,

Application No. U.S. 60/155,808 filed on 1999 Sep. 27,
 Application No. U.S. 60/155,804 filed on 1999 Sep. 27,
 Application No. U.S. 60/155,807 filed on 1999 Sep. 27,
 Application No. U.S. 60/155,805 filed on 1999 Sep. 27,
 Application No. U.S. 60/155,806 filed on 1999 Sep. 27,
 Application No. U.S. 60/201,194 filed on 2000 May 2,
 Application No. U.S. 60/212,142 filed on 2000 Jun. 16,
 application Ser. No. 10/105,299 filed on 2002 Mar. 26,
 Application No. PCT/US02/09105 filed 2002 Mar. 26,
 Application No. PCT/US02/09188 filed 2002 Mar. 26,
 Application No. PCT/US02/09239 filed 2002 Mar. 26,
 Application No. PCT/US02/09370 filed 2002 Mar. 26,
 Application No. PCT/US02/09922 filed 2002 Mar. 26,
 Application No. PCT/US02/09135 filed 2002 Mar. 26, and
 Application No. PCT/US02/09257 filed 2002 Mar. 26.

LENGTHY TABLE

The patent application contains a lengthy table section. A copy of the table is available in electronic form from the USPTO web site (<http://seqdata.uspto.gov/?pageRequest=docDetail&DocID=US20070031842A1>). An electronic copy of the table will also be available from the USPTO upon request and payment of the fee set forth in 37 CFR 1.19(b)(3).

SEQUENCE LISTING

The patent application contains a lengthy "Sequence Listing" section. A copy of the "Sequence Listing" is available in electronic form from the USPTO web site (<http://seqdata.uspto.gov/?pageRequest=docDetail&DocID=US20070031842A1>). An electronic copy of the "Sequence Listing" will also be available from the USPTO upon request and payment of the fee set forth in 37 CFR 1.19(b)(3).

What is claimed is:

1. An isolated nucleic acid molecule comprising a first polynucleotide sequence at least 95% identical to a second polynucleotide sequence selected from the group consisting of:

- (a) a polynucleotide fragment of SEQ ID NO:X as referenced in Table 1A;
- (b) a polynucleotide encoding a full length polypeptide of SEQ ID NO:Y or a full length polypeptide encoded by the cDNA Clone ID in ATCC Deposit No:Z corresponding to SEQ ID NO:Y as referenced in Table 1A;
- (c) a polynucleotide encoding a polypeptide fragment of SEQ ID NO:Y or a polypeptide fragment encoded by the cDNA Clone ID in ATCC Deposit No:Z corresponding to SEQ ID NO:Y as referenced in Table 1A;
- (d) a polynucleotide encoding a polypeptide fragment of SEQ ID NO:Y or a polypeptide fragment encoded by the cDNA Clone ID in ATCC Deposit No:Z corresponding to SEQ ID NO:Y as referenced in Table 1A, wherein said fragment has biological activity;
- (e) a polynucleotide encoding a polypeptide domain of SEQ ID NO:Y as referenced in Table 1B;
- (f) a polynucleotide encoding a polypeptide domain of SEQ ID NO:Y as referenced in Table 2;

(g) a polynucleotide encoding a predicted epitope of SEQ ID NO:Y as referenced in Table 1B; and

(h) a polynucleotide capable of hybridizing under stringent conditions to any one of the polynucleotides specified in (a)-(g), wherein said polynucleotide does not hybridize under stringent conditions to a nucleic acid molecule having a nucleotide sequence of only A residues or of only T residues.

2. The isolated nucleic acid molecule of claim 1, wherein the polynucleotide fragment comprises a nucleotide sequence encoding a secreted form of SEQ ID NO:Y or a secreted form of the polypeptide encoded by the cDNA Clone ID in ATCC Deposit No:Z corresponding to SEQ ID NO:Y, as referenced in Table 1A.

3. The isolated nucleic acid molecule of claim 1, wherein the polynucleotide fragment comprises a nucleotide sequence encoding the sequence identified as SEQ ID NO:Y or the polypeptide encoded by the cDNA sequence included in ATCC Deposit No:Z, which is hybridizable to SEQ ID NO:X, as referenced in Table 1A.

4. The isolated nucleic acid molecule of claim 1, wherein the polynucleotide fragment comprises the entire nucleotide sequence of SEQ ID NO:X or the cDNA sequence included in ATCC Deposit No:Z, which is hybridizable to SEQ ID NO:X, as referenced in Table 1A.